

Updated S 09/4/01, 874

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	determin\$4 with (target adj device) with (active adj neighbor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 15:46
L2	4	communicat\$6 with neighbor with (target adj device)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 15:48
L3	5	communicat\$6 same neighbor same (target adj device)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 15:54
L4	5753	peer with peer with communicat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 15:55
L5	2400	(target adj (device or unit or system)) same (fail\$4 or error\$4 or problem\$ or fault\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 15:58
L6	129	active adj neighbor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 15:59
L7	1	5 same 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 15:59
L8	1	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 16:00

L9	102	4 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 16:00
L10	0	9 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 16:00
L11	19	9 and ("714"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 16:01
L12	46	9 and (71\$/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 16:01
L13	0	9 and (7\$/\$.ccls.) and (active near5 neighbor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 16:04
L14	2	9 and (7\$/\$.ccls.) and neighbor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/28 16:04

Updated 09/401,874
Search

NPL
-Full Text -

File 9:Business & Industry(R) Jul/1994-2005/Jan 05
(c) 2005 The Gale Group
File 13:BAMP 2005/Dec W4
(c) 2005 The Gale Group
File 16:Gale Group PROMT(R) 1990-2005/Jan 06
(c) 2005 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2005/Jan 06
(c) 2005 The Gale group
File 148:Gale Group Trade & Industry DB 1976-2005/Jan 06
(c) 2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Jan 06
(c) 2005 The Gale Group
File 570:Gale Group MARS(R) 1984-2005/Jan 06
(c) 2005 The Gale Group
File 621:Gale Group New Prod.Annou. (R) 1985-2005/Jan 06
(c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Jan 06
(c) 2005 The Gale Group
File 649:Gale Group Newswire ASAP(TM) 2005/Dec 29
(c) 2005 The Gale Group

Set	Items	Description
S1	6808750	NETWORK? ? OR NET()WORK? ? OR MININET? OR LAN OR LANS OR W-AN OR WANS OR VPN OR VPNS OR EXTRANET? OR INTRANET? OR VLAN OR VLANS
S2	38479	SUBNET? OR SUB()NET? ? OR WLAN OR WLANS
S3	5779590	FAIL? OR PROBLEM? ? OR FAULT? OR DEFECT? OR DEFICIEN? OR ABNORMA? OR IMPAIR? OR ABERRA? OR MALFUNCTION? OR INOPERA?
S4	231662	DYSFUNCT? OR DISFUNCT? OR BUG? ? OR BUGGY?
S5	171187	S3:S4(3N) (TROUBLESHOOT? OR TROUBLE()SHOOT? OR DEBUG? OR DE-() (BUG? ? OR BUGGED OR BUGGING) OR DEFIN??? ? OR DETERMIN? OR TEST??? ? OR TRACK?)
S6	327471	S3:S4(3N) (MONITOR? OR IDENTIFY? OR IDENTIFIE? ? OR IDENTIFI-IC? OR DETECT??? ? OR DISCERN? OR DISCOVER? OR FIND??? ? OR F-FOUND OR UNCOVER?)
S7	108238	S3:S4(3N) (EXPOS??? ? OR CHECK??? ? OR CHEQU? OR DIAGNOS? OR DX OR PROBE??? ? OR PROBING OR SEARCH? OR DISCRIMINAT? OR DET? ? OR ASSESS?)
S8	117913	S3:S4(3N) (VERIFY? OR VERIFIIE? ? OR VERIFICAT? OR ANALYS? OR ANALYT? OR ANALYZ? OR CONFIRM? OR PINPOINT? OR PIN()POINT??? ? OR LOCAT????? ?)
S9	2366	S3:S4(3N) (APPRAIS? OR ASCERTAIN?)
S10	9060083	NEIGHBOR? OR NEIGHBOUR? OR ADJACENT? OR NEXT OR ADJOIN? OR ABUT? OR NEAR OR NEARBY OR PROXIMITY OR VICINITY OR CLOSEBY OR CLOSE
S11	135904	S10(3N) (COMMUNICAT? OR CONTACT??? ? OR PING??? ? OR PACKET-() INTERNET()GROP??? ? OR REACH? OR ECHOPACKET? OR ECHO()PACKET?)
S12	6612	S10(3N) (PROBE?? ? OR PROBING OR PROBEPACKET? OR POLL OR POLLING OR POLLED OR POLLING OR AUTOPOLL?)
S13	455228	S10(3N) (ACTIVE OR RESPOND? OR RESPONSE? ? OR FUNCTION? OR OPERAT? OR ALIVE OR LIVE OR ONLINE OR REPLY? OR REPLIE? ? OR UP OR REACT???? ?)
S14	12073	S10(3N) (RE() (ACT OR ACTS OR ACTED OR ACTING OR ACTION?) OR FEEDBACK? OR FEED()BACK? ? OR ANSWER??? ? OR ACKNOWLEDG? OR ACK? ?)
S15	119975	S10(3N) (WORK OR WORKS OR WORKED OR WORKING)
S16	4523	S11:S12(S)S13:S15
S17	34	S16(S)S5:S9

S18 394 S11:S12(S)S5:S9
S19 256819 S3(5N) (S1:S2 OR INTERNET? OR WWW OR WEB OR NET OR NETS OR -
W3)
S20 25 S18(S)S19
S21 603 S13:S15(S)S19
S22 71 S21(S)S5:S9
S23 1933 S13:S15(S)S5:S9
S24 65 S23(S)S19
S25 125 S17 OR S20 OR S22 OR S24
S26 54 S25/2000:2005
S27 71 S25 NOT S26
S28 50 RD (unique items)

28/3,K/4 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

06715355 Supplier Number: 56210366 (USE FORMAT 7 FOR FULLTEXT)
Storm Telecommunications Chooses Minacom's Directquality 2.0 to Support Its International Quality of Service Initiatives.
Business Wire, p2245
Oct 12, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1010

... and Voice mode (EC enabled).
In some cases, an indication of an Echo Canceller's **dysfunction** can be **detected**. The PowerProbe is the only **Near** -end QoS **probe** that can perform this **operation** on **near** and far-end Echo Cancellers.
Next Generation of Remote Transponders/Responders
Minacom's new generation...

28/3,K/7 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

04547040 Supplier Number: 46682756 (USE FORMAT 7 FOR FULLTEXT)
Kaspia Revolutionizes Network Management With Automated Discovery, Monitoring and In-Depth Reporting Software
PR Newswire, p903LATU028
Sept 3, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 889

... Look with SmartReport
Kaspia's Report Center eliminates the need for network managers to manually **locate** a **network problem**, connect to a **probe** **near** the **problem** and display the information. Kaspia Systems has transcended the traditional "connect-and-look" approach to...

...combined with an unsurpassed depth of reporting, enables network managers to proactively pinpoint and analyze **network** issues with ease even before **problems** occur.

Kaspia's SmartReport provides a roadmap of network activity, identifying problem areas of the...

Updated 09/40/1874
NPL Abstract

File 6:NTIS 1964-2004/Dec W4
(c) 2004 NTIS, Intl Cpyrght All Rights Res
File 2:INSPEC 1969-2004/Dec W2
(c) 2004 Institution of Electrical Engineers
File 8:Ei Compendex(R) 1970-2005/Dec W4
(c) 2005 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Jan W1
(c) 2005 Inst for Sci Info
File 35:Dissertation Abs Online 1861-2004/Dec
(c) 2004 ProQuest Info&Learning
File 65:Inside Conferences 1993-2005/Jan W1
(c) 2005 BLDSC all rts. reserv.
File 94:JICST-EPlus 1985-2004/Nov W4
(c) 2004 Japan Science and Tech Corp (JST)
File 95:TEME-Technology & Management 1989-2004/Jun W1
(c) 2004 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov
(c) 2004 The HW Wilson Co.
File 111:TGG Natl. Newspaper Index(SM) 1979-2005/Jan 04
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File 144:Pascal 1973-2004/Dec W1
(c) 2004 INIST/CNRS
File 256:TecInfoSource 82-2004/Dec
(c) 2004 Info.Sources Inc
File 266:FEDRIP 2004/Sep
Comp & dist by NTIS, Intl Copyright All Rights Res
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 483:Newspaper Abs Daily 1986-2005/Jan 05
(c) 2005 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
(c) 2001 ProQuest Info&Learning

Set Items Description
S1 2482635 NETWORK? ? OR NET()WORK? ? OR MININET? OR LAN OR LANS OR W-
AN OR WANS OR VPN OR VPNS OR EXTRANET? OR INTRANET? OR VLAN OR
VLANS
S2 16306 SUBNET? OR SUB()NET? ? OR WLAN OR WLANS
S3 8343912 FAIL? OR PROBLEM? ? OR FAULT? OR DEFECT? OR DEFICIEN? OR A-
BNORMA? OR IMPAIR? OR ABERRA? OR MALFUNCTION? OR INOPERA?
S4 282255 DYSFUNCT? OR DISFUNCT? OR BUG? ? OR BUGGY?
S5 299077 S3:S4(3N) (TROUBLESHOOT? OR TROUBLE()SHOOT? OR DEBUG? OR DE-
() (BUG? ? OR BUGGED OR BUGGING) OR DEFIN??? ? OR DETERMIN? OR
TEST??? ? OR TRACK?)
S6 406186 S3:S4(3N) (MONITOR? OR IDENTIFY? OR IDENTIFIE? ? OR IDENTIF-
IC? OR DETECT??? ? OR DISCERN? OR DISCOVER? OR FIND??? ? OR F-
OUND OR UNCOVER?)
S7 224260 S3:S4(3N) (EXPOS??? ? OR CHECK??? ? OR CHEQU? OR DIAGNOS? OR
DX OR PROBE?? ? OR PROBING OR SEARCH? OR DISCRIMINAT? OR DET?
? OR ASSESS?)
S8 387048 S3:S4(3N) (VERIFY? OR VERIFI? ? OR VERIFICAT? OR ANALYS? OR
ANALYT? OR ANALYZ? OR CONFIRM? OR PINPOINT? OR PIN()POINT???
? OR LOCAT???? ?)
S9 2763 S3:S4(3N) (APPRAIS? OR ASCERTAIN?)
S10 4069472 NEIGHBOR? OR NEIGHBOUR? OR ADJACENT? OR NEXT OR ADJOIN? OR
ABUT? OR NEAR OR NEARBY OR PROXIMITY OR VICINITY OR CLOSEBY OR
CLOSE
S11 39288 S10(3N) (COMMUNICAT? OR CONTACT??? ? OR PING??? ? OR PACKET-
() INTERNET()GROP??? ? OR REACH? OR ECHOPACKET? OR ECHO() PACKE-

T?)
S12 10307 S10(3N) (PROBE?? ? OR PROBING OR PROBEPACKET? OR POLL OR POLLING OR POLLED OR POLLING OR AUTOPOLL?)
S13 139267 S10(3N) (ACTIVE OR RESPOND? OR RESPONSE? ? OR FUNCTION? OR -
OPERAT? OR ALIVE OR LIVE OR ONLINE OR REPLY? OR REPLIE? ? OR -
UP OR REACT???? ?)
S14 3099 S10(3N) (RE() (ACT OR ACTS OR ACTED OR ACTING OR ACTION?) OR
FEEDBACK? OR FEED() BACK? ? OR ANSWER??? ? OR ACKNOWLEDG? OR ACK?
S15 20659 S10(3N) (WORK OR WORKS OR WORKED OR WORKING)
S16 1548 S11:S12 AND S13:S15
S17 31 S16 AND S5:S9
S18 1167 S11:S12 AND S5:S9
S19 128140 S3(5N) (S1:S2 OR INTERNET? OR WWW OR WEB OR NET OR NETS OR -
W3)
S20 47 S18 AND S19
S21 475 S13:S15 AND S19
S22 129 S21 AND S5:S9
S23 3615 S13:S15 AND S5:S9
S24 129 S23 AND S19
S25 205 S17 OR S20 OR S22 OR S24
S26 87 S25/2000:2005
S27 118 S25 NOT S26
S28 88 RD (unique items)

28/7/1 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1862129 NTIS Accession Number: N95-18467/7
Radial Basis Function Neural Networks Applied to NASA Ssme Data
(Final Report)
Wheeler, K. R. ; Dhawan, A. P.
Cincinnati Univ., OH.
Corp. Source Codes: 006394000; CP730085
Sponsor: National Aeronautics and Space Administration, Washington, DC.
Report No.: NAS 1.26:195417; E-9347; NASA-CR-195417; TR-154/6/93/ECE
Jun 93 63p
Languages: English
Journal Announcement: GRAI9509; STAR3305
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email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
NTIS Prices: PC A04/MF A01
Country of Publication: United States
Contract No.: NCC3-308; RTOP 584-03-11
This paper presents a brief report on the application of Radial Basis
Function Neural Networks (RBFNN) to the prediction of sensor values for
fault detection and diagnosis of the Space Shuttle's Main Engines
(SSME). The location of the Radial Basis Function (RBF) node centers was
determined with a K-means clustering algorithm. A neighborhood operation
about these center points was used to determine the variances of the
individual processing notes.

28/7/11 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6465216 INSPEC Abstract Number: C2000-02-5290-017

Updated Search 09/401,874

File 347:JAPIO Nov 1976-2004/Aug (Updated 041203)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200501
(c) 2005 Thomson Derwent
File 348:EUROPEAN PATENTS 1978-2004/Dec W04
(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20041230,UT=20041223
(c) 2004 WIPO/Univentio

Applicant

Set	Items	Description
S1	56	AU=ENGEL F?
S2	637131	NETWORK? ? OR NET()WORK? ? OR MININET? OR LAN OR LANS OR WAN OR WANS OR VPN OR VPNS OR EXTRANET? OR INTRANET? OR VLAN OR VLANS
S3	8465	SUBNET? OR SUB()NET? ? OR WLAN OR WLANS
S4	16146	S2:S3(10N)(FAIL? OR PROBLEM? ? FAULT? OR DEFECT? OR DEFICIEN? OR ABNORMA? OR IMPAIR? OR ABERRA? OR MALFUNCTION? OR INOPERATION?)
S5	152	S2:S3(10N)(DYSFUNCT? OR DISFUNCT? OR BUG? ? OR BUGGY?)
S6	28484	S2:S3(10N)(PROBLEM? ? OR FAULT? ?)
S7	6	S1 AND S4:S6

7/9/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014096436 **Image available**

WPI Acc No: 2001-580650/200165

XRPX Acc No: N01-432424

Failed device identification method in Internet, involves determining whether target device has active neighbor, if attempt to communicate with target device fails

Patent Assignee: CONCORD COMMUNICATIONS INC (CONC-N)

Inventor: ENGEL F

Number of Countries: 095 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200122550	A1	20010329	WO 2000US26051	A	20000922	200165 B
AU 200140220	A	20010424	AU 200140220	A	20000922	200165
EP 1222724	A1	20020717	EP 2000963723	A	20000922	200254
			WO 2000US26051	A	20000922	

Priority Applications (No Type Date): US 99401874 A 19990923

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200122550 A1 E 27 H02H-003/05

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200140220 A H02H-003/05 Based on patent WO 200122550

EP 1222724 A1 E H02H-003/05 Based on patent WO 200122550

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): WO 200122550 A1

NOVELTY - A packet is sent to a target device. When a response is not received from the device, communication failure and it is detected

File 347:JAPIO Nov 1976-2004/Aug (Updated 041203)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200501

(c) 2005 Thomson Derwent

Set	Items	Description
S1	387673	NETWORK? ? OR NET()WORK? ? OR MININET? OR LAN OR LANS OR W-AN OR WANS OR VPN OR VPNS OR EXTRANET? OR INTRANET? OR VLAN OR VLANS
S2	2088	SUBNET? OR SUB()NET? ? OR WLAN OR WLANS
S3	3421165	FAIL? OR PROBLEM? ? OR FAULT? OR DEFECT? OR DEFICIEN? OR ABNORMA? OR IMPAIR? OR ABERRA? OR MALFUNCTION? OR INOPERA?
S4	11155	DYSFUNCT? OR DISFUNCT? OR BUG? ? OR BUGGY?
S5	26934	S3:S4(3N) (TROUBLESHOOT? OR TROUBLE()SHOOT? OR DEBUG? OR DE-() (BUG? ? OR BUGGED OR BUGGING) OR DEFIN??? ? OR DETERMIN? OR TEST??? ? OR TRACK?)
S6	138044	S3:S4(3N) (MONITOR? OR IDENTIFY? ? OR IDENTIFI-IC? OR DETECT??? ? OR DISCERN? OR DISCOVER? OR FIND??? ? OR FOUND OR UNCOVER?)
S7	30877	S3:S4(3N) (EXPOS??? ? OR CHECK??? ? OR CHEQU? OR DIAGNOS? OR DX OR PROBE?? ? OR PROBING OR SEARCH? OR DISCRIMINAT? OR DET? ? OR ASSESS?)
S8	20107	S3:S4(3N) (VERIFY? OR VERIFI? ? OR VERIFICAT? OR ANALYS? OR ANALYT? OR ANALYZ? OR CONFIRM? OR PINPOINT? OR PIN()POINT??? ? OR LOCAT???? ?)
S9	205	S3:S4(3N) (APPRAIS? OR ASCERTAIN?)
S10	1982568	NEIGHBOR? OR NEIGHBOUR? OR ADJACENT? OR NEXT OR ADJOIN? OR ABUT? OR NEAR OR NEARBY OR PROXIMITY OR VICINITY OR CLOSEBY OR CLOSE
S11	63741	S10(3N) (COMMUNICAT? OR CONTACT??? ? OR PING??? ? OR PACKET-() INTERNET()GROP??? ? OR REACH? OR ECHOPACKET? OR ECHO()PACKET?)
S12	3508	S10(3N) (PROBE?? ? OR PROBING OR PROBEPACKET? OR POLL OR POLL OR POLLED OR POLLING OR AUTOPOLL?)
S13	54530	S10(3N) (ACTIVE OR RESPOND? OR RESPONSE? ? OR FUNCTION? OR -OPERAT? OR ALIVE OR LIVE OR ONLINE OR REPLY? OR REPLIE? ? OR -UP OR REACT???? ?)
S14	658	S10(3N) (RE() (ACT OR ACTS OR ACTED OR ACTING OR ACTION?) OR FEEDBACK? OR FEED()BACK? ? OR ANSWER??? ? OR ACKNOWLEDG? OR ACK? ?)
S15	11381	S10(3N) (WORK OR WORKS OR WORKED OR WORKING)
S16	1977	S11:S12 AND S13:S15
S17	45	S16 AND S5:S9
S18	3	S17 AND (S1:S2 OR INTERNET? OR WWW OR WEB OR NET OR NETS OR W3)
S19	34650	IC='H02H-003'
S20	14155	IC='H03K-019/00':IC='H03K-019/007'
S21	3383	MC='S01-G05'
S22	32168	MC='W01-A03B'
S23	40510	MC='W01-A06G2'
S24	7569	MC='W01-A06B7'
S25	5	S17 AND S19:S24
S26	671	S11:S12 AND S5:S9
S27	10383	S3(5N) (S1:S2 OR INTERNET? OR WWW OR WEB OR NET OR NETS OR -W3)
S28	1	S17 AND S27
S29	21	S26 AND S27
S30	43	S13:S15 AND S27
S31	22	S30 AND S5:S9
S32	732	S13:S15 AND S5:S9
S33	22	S32 AND S27

S34 28 S18 OR S25 OR S28 OR S31 OR S33
S35 28 IDPAT (sorted in duplicate/non-duplicate order)
S36 28 IDPAT (primary/non-duplicate records only)
S37 20 S29 NOT S36
S38 20 IDPAT (sorted in duplicate/non-duplicate order)
S39 20 IDPAT (primary/non-duplicate records only)
?